



FIG. 1

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FIGURE 2

<i>Field</i>	<i>Utility</i>	<i>Dynamic/ Static</i>	<i>Transient/ Persistent</i>	<i>Shared/Not Shared by Service Providers</i>	<i>Public/ Private</i>	<i>Local/ Remote</i>	<i>Distributed/ Non Distributed</i>
Identity							
User Name		S	P	S	Public	L or R	D
User ID		S	P	S	Public	L or R	D
User IP	Depends on IP version v4 or v6	S or D	T or P				
Contact Points							
Mobile no.		S	P				
Fixed no.		S	P				
User e-mail		S		S	P		D
Sync among domains: user migrating profiles: LNP analogy: User Profile Portability							
Location of user's SIP proxy							
Contextual Information							
User's usual location							
User's Current Location		D	T				
Reference to User's current session manager							
Security Credentials							
List of authorized domains							
Login policy (expiration)							
Current Status Authentication State (Trustable or Not, Declared Bad Identity)							
User's PKI certificate key print							

FIGURE 3

Main Parameters	Parameters	Value	Sub-Parameters	Sub Value	Distributed/ Non-Distributed	Comments	Shared/ Not Shared	Comments
Operator Hosted Common Profile								
Last Name		Smith			Yes	Peggy wants to provide this data to her operator just once, so this parameter will be distributed from the operator (UPMS) to each subscribed service provider infrastructure.	No	Mobile Operator has agreements with tens of service providers. Peggy doesn't want to be offered services by all of them so her name will be not SHARED by all of them. This could have been different if Peggy wanted to be offered many new services.
	First Name	Peggy			Yes	"Ditto"	No	"Ditto"
	E-mail	peggy@isp.com			Yes	"Ditto"	No	"Ditto"
	List of Subscribed Services	Flight Service	Service Provider	Airport Service	No	Mobile Operator will not distribute the subscribed services information to any service provider. It will be used by mobile operator for internal use such as service access control.	No	A given service provider (Airport Service) will not share with other Service Providers (Movie Service) the list of services (Flight Services) Peggy has subscribed to.
	Prepaid Account				No	Mobile Operator will not distribute the prepaid account, it will provide access to Peggy's prepaid account.	Yes	The same prepaid account will be shared by different service providers.
Airport Service Profile Repository	Peggy Smith	Airport Service						
	Subscribed Service	Flight Service			No	Mobile Operator will not distribute the fact that Peggy has subscribed to this service to other service providers than Airport Service.	No	Related only to Peggy and Movie Service.
	Billing Mode	Prepaid			Yes	Peggy wants to be billed always on the same prepaid account whatever the services she uses. So the fact that she will be billed with her prepaid has to be distributed.	Yes	The same prepaid account will be shared by different service providers. They will share the reference of the prepaid account.
	Prepaid Account				No	Mobile Operator will not distribute the prepaid account, it will provide access to Peggy's prepaid account.	Yes	The same prepaid account hosted by the Mobile Operator will be shared by different service providers.
Movie Service Profile Repository		Movie Service						
	Subscribed Service							
	Video Preferences	Spy Movies			No		No	Concern only Peggy and Movie Service.
	Billing Mode	Prepaid			Yes	Peggy wants to be billed always on the same prepaid account whatever the services she uses. So the fact that she will be billed with her prepaid has to be distributed.	Yes	The same prepaid account will be shared by different service providers. They will share the reference of the prepaid account.
	Prepaid Account				No	Mobile Operator will not distribute the prepaid account, it will provide access to Peggy's prepaid account.	Yes	The same prepaid account will be shared by different service providers.